TSB

A Bulletin for Pitney Bowes Customer Service Personnel

TranScape TSB: TS063

Product: Ascent™

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JNXX Scale Setup Instructions

Ascent version 3.00 and above supports Pitney Bowes Scales on serial (COM) ports when installed in Windows™ 95. This capability allows sites that do not require a PBIO board to use JNXX scales.

Note: An external PBIO board must be used on Ascent Windows NT systems to connect to Pitney Bowes scales. See SVTS4038 for more information.

When a JNXX platform is attached to a COM port on an Ascent Windows 95 system, you must do the following to setup the device.

1. Set the dip switches on the scale to the proper settings – see *Setting the Dip Switches on a JNXX Scale* below.
2. Specify the port settings in Ascent Setup – see *Setting Up the JXXX in Ascent Windows 95/NT* on page 2.
3. Set the Gravitational Code of the scale using an Ascent service utility – see *Running the JNXX Gravitational Calibration Utility* on page 2.

   Note: For J0XX scales, the last section does not apply.

SETTING THE DIP SWITCHES ON A JNXX SCALE

1. Remove the scale's platform and set the dip switches according to the chart below.

Model	SW6	SW7	SW8	Model
JN72 (Approved)	ON	OFF	0FF	35 kg x 10 g International
JN72 (Non-Approved)	OFF	ON	OFF	35 kg Multi-Interval
JN71	ON	ON	OFF	45 kg Canadian
JN75 (Approved)	OFF	OFF	ON	100 lb. Multi-Range
JN75 (Non-Approved)	ON	OFF	ON	100 lb. Multi-Interval
JN64	OFF	ON	ON	150 lb.
DLC Echo	OFF	OFF	OFF	Load cell Emulation Mode (factory test)
Manufacturing TWT	ON	ON	ON	PCB Functional Test Mode (factory test)

Note: For J0XX dip switch settings, consult SV60155.

2. Replace the scale's platform and attach the scale to the Ascent PC.

SETTING UP THE JXXX IN ASCENT WINDOWS 95/NT

1. In Ascent Setup, from the Setup menu, select **Peripherals**.
2. Click **Serial**.
3. At station 1, set the station field to the station number of the station to which the JXXX scale is attached.
4. For the desired port, specify the values shown in the following table as the port's parameters.

Port	any COM or S1/S2
Device	SCALE
Type	JXXX Pitney Bowes Scale
Baud Rate	9600
Parity	even
Length	7
Stop Bits	1
Dev#	First or Second
Units	Pound
HandShake	RTS/CTS

Note: It is important to set the *HandShake* parameter to **RTS/CTS** when using a Pitney Bowes Scale.

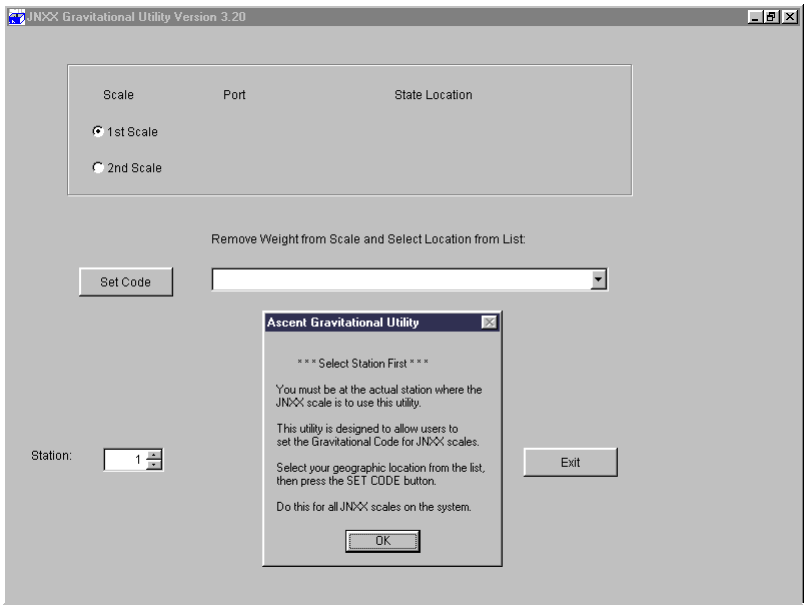
5. Repeat step 4 if another JXXX scale is attached to the specified station.
6. Repeat steps step 3 through step 5 at station 1 for any additional stations with JXXX scales attached.
7. Click **OK**.
8. Click **OK**.

RUNNING THE JNXX GRAVITATIONAL CALIBRATION UTILITY

JNXX scales are calibrated at the factory and can be used at a customer site without recalibration. A Pitney Bowes Service Representative must set the gravitational code based on the scale's geographical location within the United States using a special service utility. The *JNXX Gravitational Calibration Utility* is available in the Ascent ⇨ Service Utilities folder for versions 3.30 and up. Make sure there is no weight on the scale's platform before performing this procedure.

Run this utility after the scale(s) is attached and set up.

1. Double-click the **JNXX Gravitational Calibration** icon in the Ascent\Service Utilities folder to display the following screen.



2. Click **OK** in the Ascent Gravitational Utility window.
3. Set the Station field to the station number of the station to which the JNXX scale is connected.

   When the cursor leaves the **Station** field, the JNXX Utility automatically determines the **Port** for **1st Scale** and displays it in the adjacent **Port** column.
4. Select a Gravitational Code for the scale from the pull-down list.

   The selected state location value appears in the **State Location** column.
5. Click **Set Code**.

   The scale is also zeroed at this time.
6. When the message *Gravity Code set for Scale 1* appears, click **OK**.
7. If another JNXX scale is attached to this station, click the 2nd Scale radio button and repeat step 5 and step 6 for this scale.
8. Click the **Exit** button.
9. Repeat steps step 1 through step 7 at each additional workstation with JNXX scale(s) attached.